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DIALOG(R) File 351:Derwent WPI

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Mfg. high stereoregularity polyolefin - using polymerisation catalyst of
magnesium halide, titanium alkoxy cpd. and silicon halide,
organoaluminium cpd. and organosilicon cpd.

Patent Assignee: MITSUBISHI PETROCHEMICAL CO LTD (MITP)

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
<u>JP 62020507</u>	A	19870129	JP 85159510	A	19850719	198710 B
JP 95013102	B2	19950215	JP 85159510	A	19850719	199511

Priority Applications (No.Type Date): JP 85159510 A 19850719

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 62020507	A		6		
JP 95013102	B2		5	C08F-010/06	Based on patent JP 62020507

Abstract (Basic): JP 62020507 A

Mfr. comprises polymerising olefin in the presence of catalyst consisting of (A) solid catalyst component which is reaction prod. of magnesium halide, titanium alkoxy cpd. and silicon halide, (B) organoaluminium cpd. and (C) organosilicon cpd. having Si-O-C bond.

Magnesium halide is pref. MgCl₂, MgBr₂ or MgI₂. Titanium alkoxy cpd. used is of formula Ti(OR₂)_nX(4-n) (where R₂ is hydrocarbon residue, X is halogen) and silicon halide used is of formula R₃SiX(4-n) (where R₃ is hydrocarbon residue; X is halogen, n is number of 1-4).

USE/ADVANTAGE - Olefin polymer with high stereoregularity is obtd. in high yield.

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Derwent Class: A17

International Patent Class (Main): C08F-010/06

International Patent Class (Additional): C08F-004/64; C08F-004/658

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